BRUHATH BENGALURU MAHANAGARA PALIKE

Name of work: Development of park and Construction of Watchmen room at Bagalgunte 12th

Draft Tender Schedule

No	Description	Unit	Quantity	Rate
1	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S. by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information requiredincluding transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. (Page no-xx, Item No-13.04,PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	NOS	1	3768
2	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01-(a),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	347
3	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01(b),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	442
4	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01(c),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	456
5	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01(d),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	536
6	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01(e),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	634
7	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01(f),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	700
8	Sinking borewell of 165 mm dia. clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF and above, in all strata of earth, including over burden upto 20M, fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicles, crew charges, cost of consumables, cost of yield test at the final depth with a minimum working of compressor for one hour etc. complete. The cost excludes the cost of casing pipes, collars and caps etc.) for: (Page no-xx, Item No-13.01(g),PRED RWS SR 2019-20.Ammendment GO no RDWSSD 27 RWS(4) 2019 Dated 02.05-2019)	Mtrs	50	825

Scanned with CamScanner

Sl No	Description	Unit	Quantity	Rate
9	Supply of ISI mark 15A non corrosive flush valve of approved make (Page no-49, Item No-3.3 of PWD SR 2018-19.)	m	35	1335
10	SR 2012-13.) from 0.00 m to 20m	m	10	1523.75
11	20m to 30mts	Each	1	100
12	Supply of 175 MM MS CAP (Page no-XII, Item No-XII (Material Components of PRE Circle Bangalore SR 2012-13.)	Each	1	31427
13	Supplying, Erection and commissioning of 5HP/3.7 kw 12 stage Submersible pump of Approved make with ISI mark including necessary accessories (Page no-XLI, Item No-6 of PWD SR 2018-19.)	Mtr	350	98
14	Supplying and drawing 3 core flat PVC Sheathed Submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS 8130 -1984 and virgin grade PVC insulation and power coating extruded PVC Sheathed Suitable for working voltage up to 1100 volts as per IS 694 1990 & confirming to GTP of GROUP-A -3C X 2.5Sqmm (Page no-7, Item No-2.6.2 of Electrical PWD SR 2019-20.)	m	350	354.24
15	KSRB13-9.3 Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9 -50mm dia (Page no-96, Item No-13.73.1 of PWD SR 2018-19.)`	No	1	1436.4
16	KSRB 13-7.1-4: Providing and fixing in position nominal bore Gun-metal non return valve horizontal type of approved make including cost of all materials, labour and HOM with all leads complete as per specifications.Specification No KBS 13.2.10/13.13-50mm dianominal bore (Page no-95, Item No-13.55 of PWD SR 2018-19.)`	No	1	6400
17	KSRB 13-7.1-4: Providing and fixing in position nominal bore Gun-metal non return valve horizontal type of approved make including cost of all materials, labour and HOM with all leads complete as per specifications.Specification No KBS 13.2.10/13.13-50mm dianominal bore (Page no-95, Item No-13.55 of PWD SR 2018-19.)`	No	1	8400
18	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 Amps three phase 4 wire whole current class-1 Accuracy Energy Meter.(Page no-29, Item No-5.35 of Electrical PWD SR 2019-20.)	EACH	1	4745
19	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	97.4	322.92
20	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)	Cum	13.78	5510.16
21	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement morter 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.)	Cum	62.6454	4963.68
22	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page no-25, Item No-5.9 of PWD SR 2018-19.)	Cum	47.32155	5921.64
	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	7.6685	6111.72

Scanned with CamScanner

Sl No	Description	Unit	Quantity	Rate
23	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2(Page no-16, Item No-4.31 of PWD SR 2018-19.)	sqm	34.07	386.64
24	KSRB 4.9.2 : Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per Specifications. Specification No. KBS 4.6.3 -TMT bars Fe 500(Page no-18, Item No-4.46.2 of PWD SR 2018-19.)	tonne	0.58	80347.21
25	KSRB - 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)	Cum	37.21	217.08
26	KSRB 15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -Cement Morter 1:6 (Page no-116, Item No-15.17 of PWD SR 2018-19.)	Sqm	110.72	264.6
27	KSRB 15.1.2 Providing flush pointing 20mm deep to square rubble, course or uncoursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.cement morter 1:4 (Page no-115, Item No-15.2 of PWD SR 2018-19.)	Sqm	188.55	151.2
28	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-With Primer (Page no-120, Item No-15.53.2 of PWD SR 2018-19.)	Sqm	110.72	110.16
29	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials,labour,HOM complete asper specifications.(Page no-266, Item No-37.2 of PWD SR 2018-19.)	m	218.05	927.72
30	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.including cost of materials,Labour HOM Complete as per Specification. (Page no-266, Item No-37.4 of PWD SR 2018-19.)	m	510.99	440.64
31	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint including cost of materials,Labour HOM Complete as per Specification (Page no-266, Item No-37.3 of PWD SR 2018-19.)	Sqm	306.59	772.2
32	Fabricating, providing and erecting in poiston of M S Ornamental security Grill Gate without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings (Page no-43, Item No-7.31 of PWD SR 2018-19.)	Sqm	600	142.56
33	KSRB 24-13 : Removing the old paint from steel and / or other metal surface with hand scraping and making surface even including cost of labour, complete as per specifications. Specification No.KBS. (Page no-131, Item No-16.8 of PWD SR 2018-19.)`	Sqm	103.24	90.72
34	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Page no-123, Item No-15.73 of PWD SR 2018-19.)	Sqm	103.24	44.28

Scanned with CamScann

Sl No	Description	Unit	Quantity	Rate
35	KSRB 15-16.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter including cost of materials, labour, complete as per specifications(Page no-123, Item No-15.74 of PWD SR 2018-19.)	Sqm	103.24	102.6
36	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications -in ordinary soil.NO KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	43.17	322.92
37	KSRB-3.2 Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 liter/sqm , including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7(Page no-10, Item No-3.2 of PWD SR 2018-19.)	sqm	27.61	114.48
38	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)	cum	8.66	5510.16
39	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	12.89	6111.72
40	KSRB 4-2.8: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with super plasticizer @ 3 Ltrs confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in Ground floor level for roof slabs, staircase ,lintels, and beams retaining walls,return walls, walls (any thickness)including attached pilesters,columns pillers,posts,struts,buttresses,string or lacing courses,parapets,coping ,bed blocks, anchor blocks,plain window cills ,fillets etc., including cost of all materials, labour, HOM curing complete but excluding the cost of reinforcement as per Specifications. Specification No. KBS 4.1, 4.6 (Page no-14, Item No-4.13 of PWD SR 2018-19.)	Cum	11.8	6363.36
41	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page no-16, Item No-4.28 of PWD SR 2018-19.)	Sqm	23.38	278.64
42	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per Specifications. Specification No. KBS 4.6.2 (Page no-16, Item No-4.32 of PWD SR 2018-19.)	sqm	40.81	492.48
43	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no-16, Item No-4.31 of PWD SR 2018-19.)	Sqm	30.36	386.64
44	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page no-17, Item No-4.34 of PWD SR 2018-19.)	Sqm	32.18	315.36
45	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from Ground level Specification No. KBS 4.6.2 -0 to 5mts (Page no-16, Item No-4.29.2 of PWD SR 2018-19.)	Sqm	45.27	432

Scanned with CamScanner

Sl No.	Description	Unit	Quantity	Rate
46	KSRB 4-1.7: Providing and laying in position Plain cement Concrete of mix 1:3:6 with OPC @ 220kgs,with 20mm and downsize graded granite metal coarse aggregates @0.69 cum and Fine aggregates @ 0.56 cum,machine mixed,concre laid in layers not exceeding 15 cms thick, well compacted, in foundation, Plinth and cills, including cost of all materials labour,HOM curing complete as per Specifications. Specification No KBS 4.1,4.2 (Page no-13, Item No-4.7 of PWD SR 2018-19.)	Cum	0.15	5733.72
47	KSRB 4-2.10: Providing and laying in position Reinforced Cement Concrete of Design mix M20 with OPC @ 24Kgs with 12mm and down size graded granite metal coarse aggregates @ 0.05175 cum and fine aggregates @ 0.0345 cum, with super plasticizer @ 0.225 Ltrs, machine mixed, well compacted for Plain chajja of 7.5cms average thickness, upto ground floor level, including cost of all materials, labour, HOM curing complete but excluding cost of reinforcement as per Specifications. Specification No. KBS 4.1, 4.6(Page no-15, Item No-4.19 of PWD SR 2018-19.)	Sq.m	6.39	475.2
48	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (Page no-17, Item No-4.37 of PWD SR 2018-19.)	Sq.m	6.39	348.84
49	KSRB 4.2.12 : Extra for providing throating or drip moulding to R.C.C. chajja with plastering (labour charges only) as per specifications. Specification No:KBS (Page no-15, Item No-4.21 of PWD SR 2018-19.)	m	10.28	35.64
50	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement mortar 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.)	Cum	3.73	4963.68
51	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)	Cum	32.35	217.08
52	KSRB 4.9.2 : Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per Specifications. Specification No. KBS 4.6.3 -TMT bars Fe 500(Page no-18, Item No-4.46.2 of PWD SR 2018-19.)	Tonne	2.47	84247.56
53	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed with CM 1: 4,as per IS 2572:2005 including cost of all materials labour Charges ,Scaffolding,curing,hire charges of all materials labour charges, scaffolding,curing,hire charges of machineries etc.,complete as per specifications.KBS No. 5.4 - with solid concrete blocks of size 400X200X200 (Page no-27, Item No-5.26.1 of PWD SR 2018-19.)	Sqm	37.94	1038.96
54	KSRB 5-15 Providing and constructing non load bearing wall with solid concrete blocks of sizes 400 X 100 x 200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (part 1) : 2005 and constructed with CM 1:4 as per IS 2572: 2005 including cost of all materials labour Charges, Scaffolding,curing,hire charges of machineries etc.,Complete as per secifications.KBS No 5.4(Page no-27, Item No-5.28 of PWD SR 2018-19.)	Sqm	42.19	875.88
55	KSRB 9.4-3 : Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33-Mathi/Nandi Wood Frames (Page no-53, Item No-9.12 of PWD SR 2018-19.)	Cum	0.13	79051.68
56	KSRB 9-27.1 : Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.-Fixing of door Frame. (Page no-60, Item No-9.80 of PWD SR 2018-19.)`	Nos	2	1475.28
57	KSRB 9-9.1: Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45mm wide wooden frame all round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (part-1)1991 from manufacturer(factory) complete as per specification. -30mm thick both side teak. (Page no-65, Item No-9.106.1 of PWD SR 2018-19.)`	Sqm	4.158	3998.16

Scanned with CamScanner

Sl No	Description	Unit	Quantity	Rate
58	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (Page no-60, Item No-9.84 of PWD SR 2018-19.)`	Sqm	3.53	505.44
59	PVC DOOR SHUTTER (Nandi or Equivalent) Supply and fixing of door shuttersmade of rigid PVC extruded hollow section (Nandi or equivalent) o f 20mm x 200mm with the wall thickness of 1.0mm + /0.1mm equally divided into 4nos with tongue and groove locking arrangements. The shutter frame is made of 58x24 mm with the wall thickness of 1.5mm+/ -0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced with 2nos of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter. (Page no-61, Item No-9.86 of PWD SR 2018-19.)`	Sqm	3.53	1927.8
60	KSRB 7.10 : Providing and fixing in position aluminum windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminum handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminum sections including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminum sections pretreated for removal of any specification No.KBS - using aluminum section anodized to 12-15 microns. (Page no-35, Item No-7.10.1 of PWD SR 2018-19.)`	Sqm	7.59	4566.24
61	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per Specifications. specification No. KBS 7.12 (Page no-34, Item No-7.9 of PWD SR 2018-19.)`	Kg	159.39	102.6
62	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications(Page no-123, Item No-15.74 of PWD SR 2018-19.)`	Sqm	7.59	100.7
63	Aldrop (door lock) (Page no-XV, Item No-Sl.No .386, Code no 0134 of PWD SR 2018-19.)`	Each	4	367.82
64	Tower Bolt 300 mm long (Page no-XVI, Sl.No .407, Code no 0427 of PWD SR 2018-19.)`	Each	8	107.79
65	Hinges 5" HEAVY DUTY (Page no-XV, Item No-Sl.No .390, Code no 0188 of PWD SR 2018-19.)	Each	12	33.24
66	Hold fasts MS (Page no-XV, Item No-Sl.No .391, Code no 0189 of PWD SR 2018-19.)	Each	24	34.13
67	Handles Power coated 150mm (Page no-XV, Item No-Sl.No .388, Code no 0178 of PWD SR 2018-19.)	Each	8	53.9
68	screws 40mm(Page no-XVI, Item No-Sl.No .404, Code no 0384 of PWD SR 2018-19.)	Each	200	2.69
69	KSRB 15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -Cement Morter 1:6 (Page no-116, Item No-15.17 of PWD SR 2018-19.)	Sqm	258.04	264.6
70	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -cement mortar 1:4 (Page no-117, Item No-15.30 of PWD SR 2018-19.)`	Sqm	26.1	221.4
71	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling , including cost of materials, labour, curing complete as per specifications.(Page no-117, Item No-15.33 of PWD SR 2018-19.)`	Sqm	109.56	34.56
2	Providing and fixing vitrified glazed tiles of approved make ,quality and colour of size 600 X600X 10mm thick fixed on bed of 12mm thick cement mortar for flooring,skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles,including providing spacers at required interval and removing stains,including cost of all mateirals,mortar,labour,etc., Complete as per specification (Page no-109, Item No-14.45of PWD SR 2018-19.)`	Sqm	19.73	972

Scanned with CamScann

Sl No.	Description	Unit	Quantity	Rate
73	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring,treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No.KBS-for Ceramic tiles of size 30 X30 cms 6mm thick. (Page no-108, Item No-14.36.2of PWD SR 2018-19.)`	Sqm	4.95	1306.8
74	KSRB 14-17.2 Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - colour glazed tiles 30x45 cms 6mm thick with border of size 30 X10cms. (Page no-108, Item No-14.41.3 of PWD SR 2018-19.)`	Sqm	50.25	1377
75	KSRB 15-14.1 providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper, primer after thoroughly brooming the surface frame free from mortar drops and other forgive matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(Page no-119, Item No-15.49.1 of PWD SR 2018-19.)`	Sqm	22.63	118.8
76	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (Page no-128, Item No-15.106 of PWD SR 2018-19.)`	Sqm	109.56	84.24
77	KSRB 15-15.2 providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approveded shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per Specifications-With primer (Page no-119, Item No-15.51.2 of PWD SR 2018-19.)`	Sqm	86.93	97.2
78	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-With Primer (Page no-120, Item No-15.53.2 of PWD SR 2018-19.)	Sqm	143.39	110.16
79	KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix eanmel priming paint including preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications (Page no-121, Item No-15.58 of PWD SR 2018-19.)`	Sqm	9.41	54
80	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. (Page no-121, Item No-15.60.1 of PWD SR 2018-19.)`	Sqm	9.41	104.76
81	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. (Page no-68, Item No-10.2 of PWD SR 2018-19.)`	Sqm	32.45	1086.48
82	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing. (Page no-110, Item No-14.52 of PWD SR 2018-19.)`	Sqm	2.47	3807

Scanned with CamScanner

Sl No	Description	Unit	Quantity	Rate
83	Providing and fixing M.S. Hand railing for Balcony with 50mm dia M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing. (Page no-44, Item No-7.35 of PWD SR 2018-19.)`	Sqm	8.85	3067.2
84	KSRB 11-14.3 : Providing and fixing stainless steel kitchen sink of size 400x915mm bowl depth 160mm, with drain board, M.S / C.I brackets, stainless steel plug 40 mm, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (Page no-84, Item No-12.38 of PWD SR 2018-19.)`	Sqm	1	6970.32
85	KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metalic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4 (Page no-104, Item No-14.14 of PWD SR 2018-19.)`	Sqm	21.1	757.08
86	KSRB 15.8.1 Providing and fixing plaster mesh 100mm wide manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment) (Page no-117, Item No-15.34 of PWD SR 2018-19.)`	m	100	28.08
87	KSRB 11.50.3 450X450mm and 450mm depth (clear inside dimension) for single pipeline, using table mouled non- modular bricks of class designation 50 in cement mortor 1:5, CI cover with frame(light duty) 450x450mm(Page no-76, Item No-11.50.3 of PWD SR 2018-19)	m	3	5724
88	KSRB 11.50.2 600X610mm and 450mm depth (clear inside dimension) for single pipeline, using table mouled non- modular bricks of class designation 50 in cement mortor 1:5, CI cover with frame(light duty) 600x600mm (Page no-75, Item No-11.50.2 of PWD SR 2018-19)	m	1	9169.2
89	KSRB13.8 : Providing and fixing to wall, ceiling and floor medium density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection (Page no-96, Item No-13.73.5 of PWD SR 2018-19)	m	14	642.6
90	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(Page no-79, Item No-12.5of PWD SR 2018-19)	Each	2	5352.48
91	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(Page no-82, Item No-12.23 of PWD SR 2018-19)	Each	2	4327.56
92	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701:1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22(Page no-96, Item No-19.783 of PWD SR 2018-19)	Nos.	1	7374.24
93	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (Page no-93, Item No-13.27 of PWD SR 2018-19)	Nos.	7	152.28
4	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. ---- Etc complete with all lead & lifts as per instructions of engineer in charge of work.(Page no-90, Item No-12.111 of PWD SR 2018-19)	Nos.	5	162
	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms ---- Etc complete with all lead & lifts as per instructions of engineer in charge of work.(Page no-90, Item No-12.113.1 of PWD SR 2018-19)	Each	5	270

Scanned with CamScann

Sl No.	Description	Unit	Quantity	Rate
96	Providing stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all materials, fixtures and lead).- 10cms x 10cms(Page no-90, Item No-12.112.1 of PWD SR 2018-19)	Each	2	205.2
97	KSRB13-9.6 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 90mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9. (P.No. 96, I.No.13.73.4 of PWD SR 2018-19)	m	20	537.84
98	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes(P.No. 98, I.No.13.85.2 of PWD SR 2018-19)	m	38	169.56
99	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25 mm nominal OD pipes(P.No. 98, I.No.13.85.3 of PWD SR 2018-19)	m	15	211.68
100	Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary(Page No -2, Item No 1.1.1, Electrical PWD SR 2019-20).	Mtr	140	50
101	Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junctionboxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws (Page No -2, Item No 1.1.1, Electrical PWD SR 2019-20).	Mtr	48	65
102	Supplying and fixing PVC/metal conduit Deep junction box (Page No -3, Item No 1.5.1, Electrical PWD SR 2019-20).	No	10	43
103	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. (Page No -3, Item No 1.7.1, Electrical PWD SR 2019-20).	Mtr	45	21
104	Supplying And Fixing Metal Fan Box with Round Hook.(Page No -3, Item No 1.12, Electrical PWD SR 2019-20)	No	1	85
105	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet..(Page No -5, Item No 2.2.1, Electrical PWD SR 2019-20)	Point	15	160
106	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC sulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. completefor each outlet.(Page No -5, Item No 2.2.2, Electrical PWD SR 2019-20)	Point	6	250
107	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC sulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. completefor each outlet.(Page No -5, Item No 2.2.3, Electrical PWD SR 2019-20)	Point	10	375
108	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. (Page No -5, Item No 2.3.2, Electrical PWD SR 2019-20)	Mtr	60	20.5
109	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. (Page No -6, Item No 2.3.3, Electrical PWD SR 2019-20)	Mtr	120	32
10	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. (Page No -6, Item No 2.3.4, Electrical PWD SR 2019-20)	Mtr	60	45

Scanned with CamScanner

Sl No.	Description	Unit	Quantity	Rate
111	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due Groove cutting in Brick/Stone/C.C wall. (Page No -9, Item No 3.4.1, Electrical PWD SR 2019-20)	Each	10	95
112	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due Groove cutting in Brick/Stone/C.C wall. (Page No -9, Item No 3.4.3, Electrical PWD SR 2019-20)	Each	3	125
113	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due Groove cutting in Brick/Stone/C.C wall. (Page No -9, Item No 3.4.4, Electrical PWD SR 2019-20)	Each	1	125
114	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(Page No -9, Item No 3.5.1, Electrical PWD SR 2019-20)	Each	10	110
115	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(Page No -9, Item No 3.5.3, Electrical PWD SR 2019-20)	Each	1	175
116	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(Page No -9, Item No 3.5.3, Electrical PWD SR 2019-20)	Each	1	200
117	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.1, Electrical PWD SR 2019-20)	Each	20	70
118	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.2, Electrical PWD SR 2019-20)	Each	4	95
119	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.3, Electrical PWD SR 2019-20)	Each	8	105
120	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.3, Electrical PWD SR 2019-20)	Each	1	290
121	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.8, Electrical PWD SR 2019-20)	Each	3	115
122	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.9, Electrical PWD SR 2019-20)	Each	1	96
123	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.10, Electrical PWD SR 2019-20)	Each	1	182
124	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.11, Electrical PWD SR 2019-20)	Each	3	162
125	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. (Page No -10, Item No 3.6.12, Electrical PWD SR 2019-20)	Each	2	79
126	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. (Page No - 27, Item No 5.17.1 Electrical PWD SR 2019-20)	Each	8	434
127	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. (Page No - 27, Item No 5.17.4 Electrical PWD SR 2019-20)	Each	1	909
128	Supplying and fixing regular MCB distribution boards on wall/ wood board / flush mounting using required clamps, bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure. (Page No - 28, Item No 5.18.3 Electrical PWD SR 2019-20)	Each	1	960
129	Supplying, fixing and wiring Electronic Trivector Meter (ETV) to 20Amps single phase Class-1 Accuracy with Temper Proof Energy Meter. (Page No -29, Item No 5.31 Electrical PWD SR 2019-20)	Each	1	1150
130	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete. (Page No -46, Item No 7.2.1 Electrical PWD SR 2019-20)	Each	3	2100
131	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. (Page No -46, Item No 7.3.1 Electrical PWD SR 2019-20)	Each	1	2100

Scanned with CamScanner

NO	Description	Unit	Quantity	Rate
132	Supplying ...litres capacity vertical/horizontal type wall mounting Electrical water heater with 22 SWG copper/SS sheet metal inner Container tinned inside and anticorrosive paint outside and 20 SWG M.S. sheet metal outer cover filled with glass wool between inner and outer container for thermal insulation complete. The inlet and outlet pipes so arranged that water flow inside results in water to flow out from the inner container without turbulence. The Inner container shall have direct immersion type copper tube nickel plate .2KW capacity element with a neon indicator fitted with20A capacity 25 to 85 degree Centigrade range thermostat.The water heater shall completely be wired with 40/0.0076 inch 3 core copper flexible wire of 1.5 meters length and the outer container provided with heavy gauge brackets for wall mounting. (Page No -51, Item No 8.1.1 Electrical PWD SR 2019-20)	Each	1	2100
133	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. Page No -64, Item No 12.3.2, Electrical PWD SR 2019-20)	Each	5	375
134	Supply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder coated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition (Page No -64, Item No 12.5.1 Electrical PWD SR 2019-20)	Each	8	504
135	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws with Remote (Page No -71, Item No 13.2.1 Electrical PWD SR 2019-20)	Each	1	220
136	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia (Page no-40, Item No-6.1 of Electrical PWD SR 2019-20.)	No	2	2999.7
137	Supply & fixing o(children multi play equipment with spiral slide, monkey bar with number pannel . Upright structural posts of height 4.2 m are to be hot dip galvanized steel with a 114 mm OD and 2.2mm wall thickness of tubing . Roof of size 1.9m x 1.7m x 0.77 m , spiral slide of size2.56m x 1.85m x 2.68m. Top rails of monkey bar size 1.8m x 1.3m are all robotic welded & fabricated from 48mm OD galvanized steel pipes for theouter bars &32 mm OD galvanized steel for the inner parallel bars with 6 baked on powder coated finish. Oeck of size 1.45 x 1.45 m are pressed and punched , welded ,sand blasted ,powder coated to 2.2mm thickness or vinyl coated to a thickness of 4mm . Deck of size 1.45 x T.45 m are pressed and punched , welded ,sand blasted,powdei coated to 2.2mmthickness or vinyl coated to a thickness of 4mm. Deck, step, platform ,stairs, baffle shall be all robotic welded. Inclined ramps of size 1.92m x 0.6Sm , stair case of size 1.km x 0.77m are fabricated from solid 2mm perforated solid punched steel Frisbee climber , piped walls of size 1 m are robotic welded , fabricated from 32 mm OD galvanized steelpipes for outer and 2Smm OD galvanized steel pipes for inner bar with baked on powder coat finish.The poles welded on to base plate made from steel with 114mm inner dia double slide of size2.2 m x 1.Sm x 1.45 m panel. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxesand Transportation Charges	Each	1	1571038
138	Supply and fixing of childern Multi Play Equipment with double owing, curved side toddler slide with animated roof Upright structural posts of height 2.7 m and 3 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. The poles are welled on to a base plate made from steel with 114mm inner diameter. Deck of size 1.4'i x 1.45m and Staircase of size 1.48 m x 0.60 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre hunched for attachments. Handrail of height 1.90 m and Dia 32 mm shall be an ali-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as per Sun Roof of size 2.0 m x 1.78 m x 0.77m, Spiral Slide of size 2220 mm x 1630 mm x 1880 mm , Straight Slide of size 1645 mm x 800 mm x 1140 mm, Panels. Roofs and panels are copyrighted and IP protected worldwide. Spring Climber of thickness Dia 38 mm, 3 step ladder , Frisbee Climber ,Piped walls of Height 2.7 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. The rates are \o be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	1	997710.4

Scanned with CamScann

Sl No	Description	Unit	Quantity	Rate
139	Supply and fixing of childern Adventure Play Equipment Upright structural posts of height 2.00 m , and 2.60 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. The Rock Climber clamped to the poles is of size 1655 mm x 1148 mm x 2410 mm in which the climbing pegs are connected in a PE board is of size 150 mm x 109 mm x 74 mm.This PE board is connected to two galvanized steel rods of size Dia 48 mm. The triangle shaped Zig Zag jumper which is of size 1200 mm x 90 mm x 33 mm is made of Virgin L1DPE and connected between the poles and galvanized steel rods of the rork climber.The triangle shaped Fin climbers which is made of PE and 3 holed plastic climber which is made of Virgin LLDPE are fixed in galvanized steel rods is of size Dia 48 mm. These climbers are fixed between the 3 poles with 2 top rails which is made of galvanized steel is of size Dia 60 mm. The net jumper is of size Dia 1100 mm is connected to the poles with 2 curved rods of size Dia 60 mm and is made of galvanized steel.The rates ar0 to be inclusive of supply and Installation at site. Inclusive of All Taxes and Transportation Chages	Each	1	946121.74
140	Supply and fixing of cfiildern Play Equipment Fiero A Swing : Shaped structural posts of height 2.31 m are to be schedule HOW DIP Galvanized steel with a 114mm OD and 2.3mm (wall) thickness of the tubing. Plastic Components such as swing seats [superthicl< plasticj shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	2	104051.44
141	Supply and fixing of childern Play Equipment Four Seater Seesaw : SPECIFICATIONS The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 4 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	1	87936.8
142	Supply and fixing of childern Play Equipment Merry go round - DX : The Merry go round consists of a round platform which is made of galvanized steel and has a thickness of 2.5 mm. It is also power coated with the thickness of 2.S mm. It is of Dia 1210 mm. It has 3 inverted "L" shaped handrails which is made of Galvanized steel 20 and of dimensions as 474 mmx 81a mm. It has thickness of Dia 32 mm. The 3 handrails are separated exactly. All the 3 handrails are connected to the Centre with the help of a rod which is also made of Galvanized steel and of Oia 48 mm and height 815 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges	Each	1	69732.8
143	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	29.82	322.92
144	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)	Cum	7.76	5510.16
145	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement morter 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.)	Cum	15.35	4963.68
146	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page no-25, Item No-5.9 of PWD SR 2018-19.)	Cum	15.35	5921.64
47	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	5.26	6111.72

Scanned with CamScann

Sl No	Description	Unit	Quantity	Rate
148	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) 2005 and constructed with CM 1: 4,as per IS 2572:2005 including cost of all materials labour Charges ,Scaffolding,curing,hire charges of all materials labour charges, scaffolding,curing,hire charges of machineries etc.,complete as per specifications.KBS No. 5.4 - with solid concrete blocks of size 400X150X200 (Page no-27, Item No-5.26.2 of PWD SR 2018-19.)	Sqm	5.4	997.92
149	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no-16, Item No-4.31 of PWD SR 2018-19.)	Sqm	22.74	386.64
150	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)	Cum	6.71	217.08
151	KSRB 15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -Cement Morter 1:6 (Page no-116, Item No-15.17 of PWD SR 2018-19.)	Sqm	61.98	264.6
152	KSRB 15.1.2 Providing flush pointing 20mm deep to square rubble, course or uncoursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.cement morter 1:4 (Page no-115, Item No-15.2 of PWD SR 2018-19.)	Sqm	68.22	151.2
153	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-With Primer (Page no-120, Item No-15.53.2 of PWD SR 2018-19.)	Sqm	61.98	110.16
154	KSRB 2.6 : Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.specification. No. KBS 2.10.2 (Page no-7, Item No-2.13 of PWD SR 2018-19.)	Sqm	99	2224.8
155	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. (Page no-45, Item No-7.38 of PWD SR 2018-19.)	Sqm	76.8	6502.68
156	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	5.79775415	322.92
157	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	5.79775415	6111.72
158	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	24.42	322.92
159	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)	Cum	5.87585	5510.16

Scanned with CamScanner

S.No.	Description	Unit	Quantity	Rate
160	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastiziner @ 3 Liters conforming to IS 9103-1999 Reaffirmed 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation, for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc. including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	6.8595	6111.72
161	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page no-16, Item No-4.28 of PWD SR 2018-19.)	Sqm	8.64	278.64
162	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and removal of form work for columns, pillars, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per Specifications. Specification No. KBS 4.6.2. (Page no-16, Item No-4.32 of PWD SR 2018-19.)	sqm	17.82	492.48
163	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement morter 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.)	Cum	4.16205	4963.68
164	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page no-25, Item No-5.9 of PWD SR 2018-19.)	Cum	2.98485	5921.64
165	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM curing complete as per specifications. Specification No-KBS 4.1, 4.2. (Page no-13, Item No-4.6 of PWD SR 2018-19.)	Cum	6.87775	5855.76
166	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed with CM 1: 4,as per IS 2572:2005 including cost of all materials labour Charges ,Scaffolding,curing,hire charges of all materials labour charges, scaffolding,curing,hire charges of machineries etc.,complete as per specifications.KBS No. 5.4 - with solid concrete blocks of size 400X200X200 (Page no-27, Item No-5.26.1 of PWD SR 2018-19.)	sqm	5.4	990.86
167	KSRB 15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -Cement Morter 1:6 (Page no-116, Item No-15.17 of PWD SR 2018-19.)	Sqm	3.82	264.6
168	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-With Primer (Page no-120, Item No-15.53.2 of PWD SR 2018-19.)	Sqm	3.82	110.16
169	KSRB 15.1.2 Providing flush pointing 20mm deep to square rubble, course or uncoursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.cement morter 1:4 (Page no-115, Item No-15.2 of PWD SR 2018-19.)	Sqm	7.13	151.2
170	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)	cum	23.68225	217.08
171	Fabrication, supplying and erecting M.S. tubular Trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable,reliable and corrosion and abrasion resistant.Welding shall confirm to latest structural welding code.Quality shall be on various parameters like shape,size,design gauge and polish.The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S pipes and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift,transportation,etc., complete as per specification. (Page no-43, Item No-7.29 of PWD SR 2018-19.)	kg	1690.8675	119.88

Scanned with CamScann

	Description	Unit	Quantity	Rate
184	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 455mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing lead and lift, transportation etc., complete. (Page no-27, Item No-5.30 of PWD SR 2018-19.)	NOS	363	440.64
185	Providing and fixing for flooring 20mm thick sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of including cost of all materials ,morter,labour,curing etc.,complete as per specification - minimum width of 1200mm (Gang saw Water Cut) (Page no-112, Item No-14.61.2 of PWD SR 2018-19.)	Sqm	28.05	2215.08
186	KSRRB M800-6 Painting two coats on New Concrete Surface -Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specifications. MORTH Specification No. 803 (Page no-181, Item No-24.7 of PWD SR 2018-19.)	Sqm	79.56	88.56
187	Stone bench " Executive Bench : Made out of sadarohally Grey Stone with hand supports with 3Line Finishing witharch.Design with 100 mm SLAB . Fleight 90 X Length150 Width 45 Cms.	Each	17	18200
188	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	45.86	322.92
189	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)	Cum	1.37	5510.16
190	KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M 20 with OPC cement @ 300 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.43 cum, machine mixed , concrete laid in layers not exceeding 15cms thick, well compacted in foundation, plinth, and Cills including cost of all materials, labour, HOM curing complete as per Specifications Specification NO. KBS 4.1, 4.2 (Page no-13, Item No-4.5 of PWD SR 2018-19.)	Cum	3.68	5754.24
191	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	12.9	6111.72
192	KSRB 15-3.5: Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.-cement morter 1:4 (Page no-115, Item No-15.13 of PWD SR 2018-19.)	Sqm	117	227.63
193	KSRB 4.9.2 : Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per Specifications. Specification No. KBS 4.6.3 -TMT bars Fe 500(Page no-18, Item No-4.46.2 of PWD SR 2018-19.)	Tonne	1.16	84247.56
194	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors,landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from Ground level Specification No. KBS 4.6.2 -0 to 5mts (Page no-16, Item No-4.29.2 of PWD SR 2018-19.)	Sqm	94.6	432
195	C.I manhole cover with frame 610x455mm size (38 Kgs) (Page no-XXIV, Item No-624 of PWD SR 2018-19.)	Each	1	2288.13
196	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)	Cum	4.06	217.08
197	Supplying, Erection and commissioning of 1HP/0.75 kw Single phase open well pump of Approved make with ISI mark including necessary accessories (Page no-XLVI, Item No-2 of PWD SR 2018-19.)	Each	1	9882

Scanned with CamScanner

Sl No	Description	Unit	Quantity	Rate
				322.92
217	Fabricating, supplying and erection of 6.0 Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S355JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top.....mm with 3mm thick, suitable base plate and 4Nos of .....long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended. - 6meters - Top 75mm and bottom 135 mm dia (Page no-14, Item No-4.4.4 of lectrical PWD SR 2019-20.)	Each	7	10312
218	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. - LED Streetlight 120 Watts (Page no-67, Item No-12.8.5 of Electrical PWD SR 2019-20.)	Each	7	9200
219	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. -Using 32mm dia G.I.Pipe. (Page no-79, Item No-14.1.2 of Electrical PWD SR 2019-20.)	Each	7	835
220	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 - 2C X 1.5Sq.mm(Page no-6, Item No-2.5.1 of Electrical PWD SR 2019-20.)	Mtr	56	40
221	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947- 60 to 70Amps (Page no-26, Item No-5.13.3 of Electrical PWD SR 2019-20.)	Each	1	4200
222	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. -16 sqmm (Page no-6, Item No-2.3.7 of Electrical PWD SR 2019-20.)	Mtr	3	188
223	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.- 40x40x6mm (Page no-30, Item No-5.41.1of Electrical PWD SR 2019-20.)	Mtr	7	255
224	Fabricating supplying and mounting MS box made out 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete - 16SWG (Page no-30, Item No-5.42.2 of Electrical PWD SR 2019-20.)	Sqcm	50000	0.35
225	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. -63Amps (Page no-25, Item No-5.7.3 of Electrical PWD SR 2019-20.)	Each	2	227
226	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc.,.) 3-120sec setting. (Page no-32, Item No-5.47 of Electrical PWD SR 2019-20.)	Each	1	1925
227	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 Amps three phase 4 wire whole current class-1 Accuracy Energy Meter.(Page no-29, Item No-5.35 of Electrical PWD SR 2019-20.)	EACH	1	4745

Scanned with CamScanner

Sl No	Description	Unit	Quantity	Rate
228	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	8.51	322.92
229	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)	Cum	0.57	5510.16
230	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)	Cum	5.49	6111.72
231	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per Specifications. Specification No. KBS 4.6.2 (Page no-16, Item No-4.32 of PWD SR 2018-19.)	sqm	31.36	492.48
232	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)	Cum	3.14	217.08
233	KSRB 4.9.2 : Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per Specifications. Specification No. KBS 4.6.3 -TMT bars Fe 500(Page no-18, Item No-4.46.2 of PWD SR 2018-19.)	Tonne	0.16	84247.56
234	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)	Cum	32.4	322.92
235	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page no-7, Item No-2.11 of PWD SR 2018-19.)	Cum	32.4	130.68
236	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 200mm outer dia (Page no-77, Item No-11.56.5 of PWD SR 2018-19.)	Cum	60	1706.4
237	KSRB 12-5.2 : Constructing brick masonry circular type manhole 1.67 m internal dia at bottom, 0.91m deep and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS :12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 (Page no-74, Item No-11.38 of PWD SR 2018-19.)	Nos	1	26226.72

Scanned with CamScanner

Sl	Description	Unit	Quantity	...
238	Earth work in EXCAVATION FOR PIPELINE TRENCHES upto 600 mm trench width by mechanical / manual means as per drawing and technical specifications, including setting out, shoring, strutting, barricading, danger lighting bracing, using sight rails & boning rods at every 100 M wherever necessary as directed, removal of stumps and other deleterious matters, dressing of sides & leveling the bottom of trench to the extent required, utilizing the available excavated earth locally for the work etc. complete IN ORDINARY SOILS / ALL SOILS / HARD SOILS etc. for: (Page no-54, Item No-8.1(PIPELINE WORKS FOR WATER SUPPLY & UGD WORKS EXCAVATION), of BWS & DB SR 2017-18.)	Cum	60	187
239	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing)- etc. for: PVC pipes 50 mm outer dia., 6 kg/sqcm & class 5 (Page no-133, Item No-1.3(PVC PIPE WORKS), of BWS & DB SR 2017-18.)	RMT	100	107
240	REFILLING OF EARTH around pipelines, in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering all lead and lift including cost of all labour including consolidation by mechanical means approved by the Engineer in charge, when earth is at suitable moisture content with desired field density upto 95% maximum dry density (modified heavy proctor test) for restoration of roads without settlement including HOM of machineries, complete. (The contractor shall take care while consolidating the earth, so that, pipes laid are not damaged due to mechanical compaction and shall restore the damaged pipes at his own cost, in case of damage) etc. with: Approved earth available nearby, lead upto 100 M and lift upto 1.5 M. Note: In exceptional cases, earth may be obtained from borrow pit with extra lead, duly obtaining approval from the Chief Engineer (Page no-56, Item No-4.1(PIPELINE WORKS FOR WATER SUPPLY & UGD WORKS EXCAVATION), of BWS & DB SR 2017-18.)	cum	60	103
241	KSRB13-6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (Page no-94, Item No-13.37 of PWD SR 2018-19.)	Nos	2	1878.12
242	KSRB13-7.1-4 : Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 (Page no-95, Item No-13.55 of PWD SR 2018-19.)	Nos	1	1436.4

Executive Engineer
Project Division, Dasarahalli Zone.

ಕಂಡಿಕೆ( )ರಲ್ಲಿ ವಿವರಿಸಿರುವ ಅಂಶಗಳ ಬಗ್ಗೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು(.....)ರವರು
ದೃಢೀಕರಿಸಿಕೊಳ್ಳುವ ಷರತ್ತಿಗೆ ಒಳಪಡಿಸಿ ಡಿ.ಟಿ.ಎಸ್
ಅನುಮೋದಿಸಿದೆ.
ಕರಡು ಟೆಂಡರ್ ಷೆಡ್ಯೂಲ್‌ನ್ನು ತಿದ್ದುಪಡಿ ಮಾಡದಂತೆ
ತಿದ್ದುಪಡಿ ಇಲ್ಲದೆ ಅನುಮೋದನೆ ನೀಡಲಾಗಿದೆ.
ತಿದ್ದುಪಡಿಗಳ ಒಟ್ಟು ಸಂಖ್ಯೆ:.....ಸೊನ್ನೆ.....
ರದ್ದುಗೊಳಿಸಿರುವ ಒಟ್ಟು ಐಟಂಗಳ ಸಂಖ್ಯೆ:.....ಸೊನ್ನೆ.....

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ದಾಸರಹಳ್ಳಿ)

Scanned with CamScanner